

Converting Colors

YIQ(143.9140, 13.4270, 37.5150)

Have a look what the booklet for
YIQ(143.9140, 13.4270, 37.5150)
contains.

YIQ(143.9140, 13.4270, 37.5150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(143.9140, 13.4270,
37.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	B474C1
RGB	180, 116, 193
RGB Percent	71%, 45%, 76%
CMY	0.2939, 0.5452, 0.2431
CMYK	0.07, 0.40, 0.00, 0.24
HSL	290°, 38%, 61%
HSV	290°, 40%, 76%
XYZ	34.7021, 26.0442, 53.6492
YIQ	143.9140, 13.4270, 37.5150

Conversions

Conversions Part 2

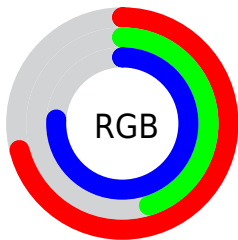
Format	Color
R_{YB}	180, 116, 193
Decimal	11826369
CIE _{Lab}	58.08, 38.06, -30.24
CIE _{LCh}	58, 48.610, 321.525
Yxy	26.0442, 0.3034, 0.2277
Android (android.graphics.Color)	4290016449 (0xFFB474C1)
YUV	143.9140, 24.1994, 31.6474
Hunter-Lab	51.0336, 32.0686, -26.6053

Details

The YIQ color **143.9140, 13.4270, 37.5150** is a light color, and the websafe version is hex **996699**. A complement of this color would be **165.0860, -13.4270, -37.5150**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5660, 14.5270, 39.6070**, and **92.2620, 12.3270, 35.4230** is the 20% darker color. If you saturate the color by 10%, you get **131.8640, 16.8640, 46.8160**, and if you desaturate by 10%, it is **155.9640, 9.9900, 28.2140**.

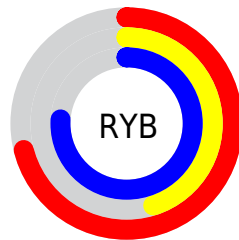
Distribution



Red (71%)

Green (45%)

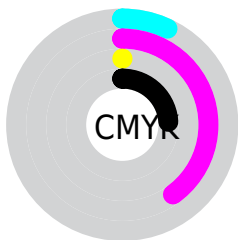
Blue (76%)



Red (71%)

Yellow (45%)

Blue (76%)

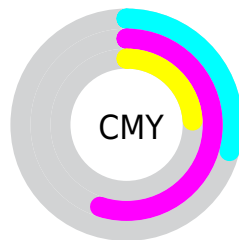


Cyan (7%)

Magenta (40%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.9140, 13.4270, 37.5150 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 143.9140, 13.4270, 37.5150 by changing the saturation by 10% instead.

143.9140, 13.4270,
37.5150

143.9140, 13.4270,
37.5150

255.0000, -0.0000,
-0.0000

117.5010, 13.1520,
36.9920

198.5660, 14.5270,
39.6070

92.2620, 12.3270,
35.4230

220.9540, 15.9500,
30.3340

66.8490, 12.0520,
34.9000

237.3900, 8.2500,
15.6900

41.0770, 11.4100,
35.5220

254.4130, 0.2750,
0.5230

22.3600, 8.9350,
30.8150

13.5730, 3.4810,
19.5210

2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 143.9140, 13.4270,
37.5150

■ 143.9140, 13.4270,
37.5150

■ 131.8640, 16.8640,
46.8160

■ 155.9640, 9.9900,
28.2140

■ 119.2270, 20.5760,
56.6400

■ 168.9000, 6.8740,
18.6020

■ 106.8780, 23.4170,
65.7290

■ 180.9500, 3.4370,
9.3010

■ 94.8280, 26.8540,
75.0300

■ 193.0000, -0.0000,
-0.0000

■ 82.1910, 30.5660,
84.8540

■ 205.0500, -3.4370,
-9.3010

70.1410, 34.0030,
94.1550

217.9860, -6.5530,
-18.9130

230.0360, -9.9900,
-28.2140

233.2810, -9.3020,
-29.6700

234.1780, -7.5140,
-29.0340

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



139.2160, -34.7580, 24.2020



143.9140, 13.4270, 37.5150



141.9920, 48.3180, 38.4460

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



143.9140, 13.4270, 37.5150



136.0250, 50.4370, -16.4990



113.7730, -98.5240, -31.6440

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



143.9140, 13.4270, 37.5150



165.0860, -13.4270, -37.5150

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.2840, -84.4460, -44.4940



143.9140, 13.4270, 37.5150



132.7390, 21.4630, -31.0570

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



143.9140, 13.4270, 37.5150



138.1110, 65.6550, 5.0710



125.0790, -20.7170, -37.5570



115.5290, -108.9800, -18.3560

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



143.9140, 13.4270, 37.5150



139.6050, 62.3490, 31.9570



125.0790, -20.7170, -37.5570



112.1770, -94.0300, -35.9980

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



143.9140, 13.4270, 37.5150



230.8950, 5.2700, 14.6300



132.9960, -28.5670, 16.6250



113.5370, 3.1620, 8.7780



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



143.9140, 13.4270, 37.5150



173.5800, 21.0800, 58.5200



145.0650, 28.8790, 32.8070



90.5320, 1.5580, 4.8060



58.4200, 28.1830, 78.4790



12.1340, 6.0950, 16.1990

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



140.5050, 41.7190, 20.3670



168.1600, 65.1000, 31.6600



163.9350, -28.8790, -32.8070



90.2180, 5.3180, 2.7420



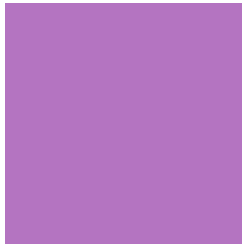
51.2170, 87.2890, 42.5290



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 143.9140, 13.4270, 37.5150 looks on a white background.

Color Contrast Check

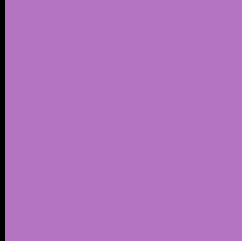
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 143.9140, 13.4270, 37.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

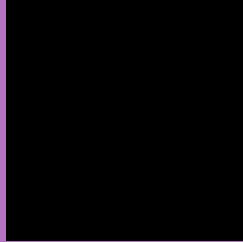
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 143.9140, 13.4270, 37.5150

Background



This preview shows how black text looks on a background with the YIQ color 143.9140, 13.4270, 37.5150.



This preview shows how white text looks on a background with the YIQ color 143.9140, 13.4270,

37.5150.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

143.9140, 13.4270, 37.5150

Protanopia

139.3310, -36.8200, 17.5160

Deuteranopia

140.2260, -23.5230, 13.3170



Tritanopia

142.2960, 23.0140, 12.4380

Trichromacy



Original Color

143.9140, 13.4270, 37.5150



Protanomaly

141.1270, -18.3900, 24.9220



Deuteranomaly

141.6240, -9.7240, 22.0520



Tritanomaly

143.1250, 19.4820, 21.3860

Monochromacy



Original Color

143.9140, 13.4270, 37.5150



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

144.0690, 4.7200, 13.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.9140, 13.4270, 37.5150 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 116, 193)` looks like.

```
.text, #text, p{  
    color:rgb(180, 116, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 116, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 116, 193) }
```

Border

The CSS property to change the border of an element to YIQ 143.9140, 13.4270, 37.5150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 116, 193) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(180, 116, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(180, 116, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 116, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 116, 193);  
box-shadow:4px 4px 4px 4px rgb(180, 116,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 143.9140, 13.4270, 37.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 116, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180,  
116, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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